



الجامعة الإسلامية العالمية ماليزيا
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
يُؤَيِّدُ رَيْسُ الْإِسْلَامِ أَمِيرًا يُحْيِي الْمِلَّةَ

Research, Innovation & Invention Exhibition 2010 (IRIIE 2010)

ENHANCING QUALITY RESEARCH &
INNOVATION
for
**SOCIETAL
DEVELOPMENT**



PP-299

Switch-it

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Switch-it introduced a new line of compact centralized surge protectors that is designed to power and protects today's demanding electronics and electrical appliances. Switch-it is a space-saving conical surge protector.

PP-300

Modern Congkak

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Malay is proven to be a race which is full of heritage of culture. One of the heritages or customs is traditional Malay games and toys, which most of them cannot survive with other modern games. Congkak is one of the traditional Malay games and toys. It is said to be the oldest board game in this world. Congkak is believed to be created upon the strategy of war in the past time. The problem with old congkak is it is too heavy and too big to be carried by its users, mainly children. The other problem with the old congkak is the color of the congkak is too dull and less attractive to be played by children. It looks more like an artifact than a toy. The modern congkak is then designed to solve the problems. It is designed to be lighter than the old congkak and can be separated into 3 parts to make it easier to be carried and stored. The color scheme is changed into more striking and attractive colors to make it look more like a toy.

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ALTY

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In a fire, the important thing is to avoid smoke inhalation! It can cause you to pass out before getting to safety. It can cause permanent damage to lungs and airways; Alty Safety.

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Blotch

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Snatching issue in Malaysia has becoming serious recently. The primary safety that is a concern is lives of the victims. Their valuable things come later. BLOTCH is an anti-snatch handbag that will ensure the safety of the victims first before their belonging. The strips of the handbag will detach once snatched by the snatch thief. After that it will launch the airbag and all the belongings will fall on the ground. In a rushing situation, the snatch thief will tend to run away with an empty handbag or leave the handbag at the place of incident. Consequently, this ensures the safety of the victims and his belongings will be intact.